

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	345681	(pool or spa)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 13:22
L2	36847	(LED\$1 or light near source\$1) and l1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 15:46
L3	6285	l2 and @ad<="19971217"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 12:32
L4	422478	(liquid or water) with level\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 13:59
L5	850	l3 and l4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 07:43
L6	38	(light near source with LED\$1) same (spa or pool)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 09:11
L7	3	l6 and @ad<="19971217"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 09:11
L8	580	(light near source with LED\$1) and (spa or pool)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 09:11
L9	84	l8 and @ad<="19971217"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 09:28

## EAST Search History

L10	31917	l1 and LED\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 09:28
L11	4822	l10 and @ad<="19971217"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 12:28
L12	4	"5128845"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 12:30
L13	14	"5045978"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 12:31
L14	2	l13 and LED	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 12:32
L15	1491	(pool or spa) with LED\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 12:32
L16	244	l15 and @ad<="19971217"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 13:21
L17	482	encapsulant with ( light near source or LED)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 14:04
L18	16	l17 and l1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 13:19
L19	0	l18 and @ad<="19971217"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 13:21

## EAST Search History

L20	36601	l1 and ( light near source or LED)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 13:21
L21	31917	l1 and LED\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 13:21
L22	4822	l21 and @ad<="19971217"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 13:57
L23	31917	(pool or spa) and LED\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 13:24
L24	4822	l23 and @ad<="19971217"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 14:10
L25	416928	level with (liquid\$1 or water)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 13:23
L26	649	l24 and l25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 13:56
L27	665	encapsulant same (light near source or LED\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 13:57
L28	19	l1 and l27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 13:57
L29	1	l28 and @ad<="19971217"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 14:00

## EAST Search History

L30	23686	(liquid or water) with level\$1 and l1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 13:59
L31	7592214	(liquid or water) near\$5 level\$1 and l1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 14:00
L32	17654	(liquid or water) near5 level\$1 and l1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 14:00
L33	7076	l32 and @ad<="19971217"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 14:01
L34	0	l33 and l27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 14:01
L35	153	l33 and range with level\$1 near (water\$1 or liquid\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 14:09
L36	18	l35 and (light near source or LED)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 14:46
L37	251	(pool) and range with level\$1 near (water\$1 or liquid\$1) and (liquid or light)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 14:09
L38	102	l37 and @ad<="19971217"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 14:46
L39	1104	(Pool) with (light near source or LED)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 14:51

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L40	317	l39 and @ad<="19971217"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 14:52
L41	836	(Pool) with (LED\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 15:06
L42	230	l41 and @ad<="19971217"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 15:06
L43	18839	(Pool) and (LED\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 15:06
L44	4409	l43 and @ad<="19971217"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 15:12
L45	208	l44 and moisture and (enclour\$3 or cover\$3 orencapsulant)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 15:11
L46	50995	(led\$1) with (under near water or water or liquid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 15:17
L47	225	(led\$1) with (under near water )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 15:11
L48	59	l47 and @ad<="19971217"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 15:19
L49	70273	LED\$1 same (pool or swimming near pool or water)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 15:18

## EAST Search History

L50	70273	LED\$1 same (pool or swimming near pool or water)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 15:19
L51	70273	LED\$1 same (pool or swimming near pool or water)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 15:19
L52	16099	I51 and @ad<="19971217"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 15:39
L53	1472	I52 and color\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 15:38
L54	84496	(LED\$1) with control\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 15:39
L55	17282	I54 and color\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 15:39
L56	645	pool and I55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 15:39
L57	114	I56 and @ad<="19971217"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 15:47
L62	16464	(control\$3 with LED\$1) and color\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 15:42
L63	4256	I62 and @ad<="19971217"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 15:43



## EAST Search History

L64	12	without near filter and l63	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 15:45
L65	83880	LEDs with control\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 15:46
L66	2717	l65 and l1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 15:46
L67	520	l66 and @ad<="19971217"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 15:56
L73	31111	control\$4 same LEDs and color\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 15:56
L74	7748	l73 and @ad<="19971217"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 15:58
L75	3089	controllers and l74	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 15:59
L76	250	l74 and l1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/16 16:00